

ABSTRACT

The invention relates to a method for monitoring changes and states in reaction chambers as well as a supply unit which is used for introducing a liquid culture medium during cell culture analyses. The aim of the invention is to
5 allow for an air bubble-free measurement in reaction chambers so as to monitor changes and states therein without using any degassing process. Said aim is achieved by withdrawing or pumping off a fluid from a receptacle via a hose and/or pipe system and conveying said fluid to a supply unit. The fluid drips or flows into a trickling chamber via an inlet duct, said fluid forming a supply
10 above a head and a reaction chamber. The height of the fluid level, and thus the supply volume, is determined with the aid of a suction duct.